

**FORSPAN ASSESSMENT MODEL FOR CONTINUOUS
ACCUMULATIONS--BASIC INPUT DATA FORM (NOGA, Version 8, 8-16-02)**

IDENTIFICATION INFORMATION

Assessment Geologist:...	R.F. Dubiel	Date:	9/24/2002
Region:.....	North America	Number:	5
Province:.....	San Juan Basin	Number:	5022
Total Petroleum System:..	Lewis Shale	Number:	502202
Assessment Unit:.....	Lewis Continuous Gas	Number:	50220261
Based on Data as of:.....	PI/Dwights 2001		
Notes from Assessor:.....			

CHARACTERISTICS OF ASSESSMENT UNIT

Assessment-Unit type: Oil (<20,000 cfg/bo) or Gas (≥20,000 cfg/bo) Gas

What is the minimum total recovery per cell?... 0.02 (mmbo for oil A.U.; bcfg for gas A.U.)

Number of tested cells:..... 1144

Number of tested cells with total recovery per cell ≥ minimum: 1087

Established (>24 cells ≥ min.) X Frontier (1-24 cells) Hypothetical (no cells)

Median total recovery per cell (for cells ≥ min.): (mmbo for oil A.U.; bcfg for gas A.U.)

1st 3rd discovered	<u>0.5</u>	2nd 3rd	<u>0.25</u>	3rd 3rd	<u>0.22</u>
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Assessment-Unit Probabilities:

<u>Attribute</u>	<u>Probability of occurrence (0-1.0)</u>
1. CHARGE: Adequate petroleum charge for an untested cell with total recovery ≥ minimum	<u>1.0</u>
2. ROCKS: Adequate reservoirs, traps, seals for an untested cell with total recovery ≥ minimum.	<u>1.0</u>
3. TIMING: Favorable geologic timing for an untested cell with total recovery ≥ minimum.....	<u>1.0</u>

Assessment-Unit GEOLOGIC Probability (Product of 1, 2, and 3):..... 1.0

4. **ACCESS:** Adequate location for necessary petroleum-related activities for an untested cell with total recovery ≥ minimum 1.0

NO. OF UNTESTED CELLS WITH POTENTIAL FOR ADDITIONS TO RESERVES IN THE NEXT 30 YEARS

1. Total assessment-unit area (acres): (uncertainty of a fixed value)

minimum <u>4,324,000</u>	median <u>4,804,000</u>	maximum <u>5,284,000</u>
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2. Area per cell of untested cells having potential for additions to reserves in next 30 years (acres):
(values are inherently variable)

calculated mean <u>105</u>	minimum <u>40</u>	median <u>100</u>	maximum <u>200</u>
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3. Percentage of total assessment-unit area that is untested (%): (uncertainty of a fixed value)

minimum <u>97</u>	median <u>97.5</u>	maximum <u>98</u>
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4. Percentage of untested assessment-unit area that has potential for additions to reserves in next 30 years (%): (a necessary criterion is that total recovery per cell ≥ minimum)
(uncertainty of a fixed value)

minimum <u>23</u>	median <u>34</u>	maximum <u>40</u>
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Assessment Unit (name, no.)
Lewis Continuous Gas, 50220261

TOTAL RECOVERY PER CELL

Total recovery per cell for untested cells having potential for additions to reserves in next 30 years:

(values are inherently variable)

(mmbo for oil A.U.; bcfg for gas A.U.) minimum 0.02 median 0.5 maximum 6

AVERAGE COPRODUCT RATIOS FOR UNTESTED CELLS, TO ASSESS COPRODUCTS

(uncertainty of fixed but unknown values)

<u>Oil assessment unit:</u>	minimum	median	maximum
Gas/oil ratio (cfg/bo).....	<u> </u>	<u> </u>	<u> </u>
NGL/gas ratio (bngl/mmcf).....	<u> </u>	<u> </u>	<u> </u>

<u>Gas assessment unit:</u>			
Liquids/gas ratio (bliq/mmcf).....	<u>1</u>	<u>3</u>	<u>5</u>

SELECTED ANCILLARY DATA FOR UNTESTED CELLS

(values are inherently variable)

<u>Oil assessment unit:</u>	minimum	median	maximum
API gravity of oil (degrees).....	<u> </u>	<u> </u>	<u> </u>
Sulfur content of oil (%).....	<u> </u>	<u> </u>	<u> </u>
Drilling depth (m)	<u> </u>	<u> </u>	<u> </u>
Depth (m) of water (if applicable).....	<u> </u>	<u> </u>	<u> </u>

<u>Gas assessment unit:</u>			
Inert-gas content (%).....	<u>0.00</u>	<u>1.50</u>	<u>10.00</u>
CO ₂ content (%).....	<u>0.00</u>	<u>1.00</u>	<u>3.00</u>
Hydrogen-sulfide content (%).....	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Drilling depth (m).....	<u>500</u>	<u>1200</u>	<u>2500</u>
Depth (m) of water (if applicable).....	<u> </u>	<u> </u>	<u> </u>

<u>Success ratios:</u>	calculated mean	minimum	median	maximum
Future success ratio (%).....	<u> </u>	<u>60</u>	<u>90</u>	<u>95</u>

Historic success ratio, tested cells (%).. 95

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO STATES
Surface Allocations (uncertainty of a fixed value)

1. <u>Colorado</u>	represents	<u>14.63</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>15</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
2. <u>New Mexico</u>	represents	<u>85.37</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>85</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
3. _____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
4. _____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

Assessment Unit (name, no.)
Lewis Continuous Gas, 50220261

5.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
6.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
7.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
8.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO LAND ENTITIES
Surface Allocations (uncertainty of a fixed value)

1. <u>Federal Lands</u>	represents	37.81	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....		38	
Portion of volume % that is offshore (0-100%)..		0	
2. <u>Private Lands</u>	represents	17.33	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....		17	
Portion of volume % that is offshore (0-100%)..		0	
3. <u>Tribal Lands</u>	represents	40.73	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....		41	
Portion of volume % that is offshore (0-100%)..		0	
4. <u>Other Lands</u>	represents		areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....			
Portion of volume % that is offshore (0-100%)..			

Assessment Unit (name, no.)
Lewis Continuous Gas, 50220261

5. <u>CO State Lands</u>	represents	<u>0.28</u>	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum		median	maximum
Volume % in entity.....	<u> </u>		<u> </u>	<u> </u>
Portion of volume % that is offshore (0-100%)..	<u> </u>		<u> </u>	<u> </u>
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	<u> </u>		<u>0</u>	<u> </u>
Portion of volume % that is offshore (0-100%)..	<u> </u>		<u>0</u>	<u> </u>
6. <u>NM State Lands</u>	represents	<u>3.86</u>	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum		median	maximum
Volume % in entity.....	<u> </u>		<u> </u>	<u> </u>
Portion of volume % that is offshore (0-100%)..	<u> </u>		<u> </u>	<u> </u>
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	<u> </u>		<u>4</u>	<u> </u>
Portion of volume % that is offshore (0-100%)..	<u> </u>		<u>0</u>	<u> </u>
7. <u> </u>	represents	<u> </u>	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum		median	maximum
Volume % in entity.....	<u> </u>		<u> </u>	<u> </u>
Portion of volume % that is offshore (0-100%)..	<u> </u>		<u> </u>	<u> </u>
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	<u> </u>		<u> </u>	<u> </u>
Portion of volume % that is offshore (0-100%)..	<u> </u>		<u> </u>	<u> </u>
8. <u> </u>	represents	<u> </u>	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum		median	maximum
Volume % in entity.....	<u> </u>		<u> </u>	<u> </u>
Portion of volume % that is offshore (0-100%)..	<u> </u>		<u> </u>	<u> </u>
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	<u> </u>		<u> </u>	<u> </u>
Portion of volume % that is offshore (0-100%)..	<u> </u>		<u> </u>	<u> </u>

Assessment Unit (name, no.)
Lewis Continuous Gas, 50220261

9.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>				
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
10.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>				
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
11.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>				
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
12.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>				
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO FEDERAL LAND SUBDIVISIONS
Surface Allocations (uncertainty of a fixed value)

1. <u>Bureau of Land Management (BLM)</u>	represents	<u>30.75</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>31</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
2. <u>BLM Wilderness Areas (BLMW)</u>	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
3. <u>BLM Roadless Areas (BLMR)</u>	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
4. <u>National Park Service (NPS)</u>	represents	<u>0.05</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>0</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____

Assessment Unit (name, no.)
Lewis Continuous Gas, 50220261

5. <u>NPS Wilderness Areas (NPSW)</u>	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	_____	median
Volume % in entity.....	_____	_____	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
6. <u>NPS Protected Withdrawals (NPSP)</u>	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	_____	median
Volume % in entity.....	_____	_____	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
7. <u>US Forest Service (USFS)</u>	represents	6.67	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	_____	median
Volume % in entity.....	_____	_____	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	7	_____
Portion of volume % that is offshore (0-100%)..	_____	0	_____
8. <u>USFS Wilderness Areas (USFSW)</u>	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	_____	median
Volume % in entity.....	_____	_____	maximum
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

Assessment Unit (name, no.)
Lewis Continuous Gas, 50220261

9. <u>USFS Roadless Areas (USFSR)</u>	represents	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
10. <u>USFS Protected Withdrawals (USFSP)</u>	represents	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
11. <u>US Fish and Wildlife Service (USFWS)</u>	represents	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
12. <u>USFWS Wilderness Areas (USFWSW)</u>	represents	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

Assessment Unit (name, no.)
Lewis Continuous Gas, 50220261

13. <u>USFWS Protected Withdrawals (USFWSP)</u>	represents	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
14. <u>Wilderness Study Areas (WS)</u>	represents	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
15. <u>Department of Energy (DOE)</u>	represents	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
16. <u>Department of Defense (DOD)</u>	represents	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

Assessment Unit (name, no.)
Lewis Continuous Gas, 50220261

17. Bureau of Reclamation (BOR)	represents	0.34	areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum		median	maximum
Volume % in entity.....	_____		_____	_____
Portion of volume % that is offshore (0-100%)..	_____		_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____		0	_____
Portion of volume % that is offshore (0-100%)..	_____		0	_____
18. Tennessee Valley Authority (TVA)	represents		areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum		median	maximum
Volume % in entity.....	_____		_____	_____
Portion of volume % that is offshore (0-100%)..	_____		_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____		_____	_____
Portion of volume % that is offshore (0-100%)..	_____		_____	_____
19. Other Federal	represents		areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum		median	maximum
Volume % in entity.....	_____		_____	_____
Portion of volume % that is offshore (0-100%)..	_____		_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____		_____	_____
Portion of volume % that is offshore (0-100%)..	_____		_____	_____
20. _____	represents		areal % of the assessment unit	
<u>Oil in oil assessment unit:</u>	minimum		median	maximum
Volume % in entity.....	_____		_____	_____
Portion of volume % that is offshore (0-100%)..	_____		_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....	_____		_____	_____
Portion of volume % that is offshore (0-100%)..	_____		_____	_____

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO ECOSYSTEMS
Surface Allocations (uncertainty of a fixed value)

1. <u>Grand Canyon Lands (GDCL)</u>	represents	<u>3.13</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>5</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
2. <u>Navajo Canyonlands (NVCL)</u>	represents	<u>72.31</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>80</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
3. <u>South-Central Highlands (SCHL)</u>	represents	<u>9.53</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>5</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____
4. <u>White Mountain-San Francisco Peaks (WMSF)</u>	represents	<u>15.03</u>	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	<u>10</u>	_____
Portion of volume % that is offshore (0-100%)..	_____	<u>0</u>	_____

Assessment Unit (name, no.)
 Lewis Continuous Gas, 50220261

5.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>				
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
6.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>				
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
7.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>				
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
8.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____
<u>Gas in gas assessment unit:</u>				
	Volume % in entity.....	_____	_____	_____
	Portion of volume % that is offshore (0-100%)..	_____	_____	_____

Assessment Unit (name, no.)
Lewis Continuous Gas, 50220261

9.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
10.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
11.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
12.	_____	represents	_____	areal % of the assessment unit
<u>Oil in oil assessment unit:</u>		minimum	median	maximum
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____
<u>Gas in gas assessment unit:</u>				
Volume % in entity.....		_____	_____	_____
Portion of volume % that is offshore (0-100%)..		_____	_____	_____

ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO LAND ENTITIES
Subsurface Allocations (uncertainty of a fixed value)

Based on Data as of: _____

1. All Federal Subsurface represents _____ areal % of the assessment unit

<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

2. Other Subsurface represents _____ areal % of the assessment unit

<u>Oil in oil assessment unit:</u>	minimum	median	maximum
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____

<u>Gas in gas assessment unit:</u>			
Volume % in entity.....	_____	_____	_____
Portion of volume % that is offshore (0-100%)..	_____	_____	_____